

AP20 Rec'd OFC/110 16 JUN 2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Complete if Known **10/583153**

Application Number 101-10745-101

|                    |               |
|--------------------|---------------|
| <b>Filing Date</b> | June 16, 2006 |
|--------------------|---------------|

|                      |                        |
|----------------------|------------------------|
| First Named Inventor | Hirohisa TANAKA et al. |
|----------------------|------------------------|

|          |                  |
|----------|------------------|
| Art Unit | not yet assigned |
|----------|------------------|

|               |                  |
|---------------|------------------|
| Examiner Name | not yet assigned |
|---------------|------------------|

|                        |             |
|------------------------|-------------|
| Attorney Docket Number | 71465.00013 |
|------------------------|-------------|

Sheet

2

91

3

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>2</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
| /A.Z./                   |                          | JP 2004-43217 02/2004   | <unknown>                         | <unknown>  |   |                |
| /A.Z./                   |                          | JP H08-217461   | 08/27/1996                        | Daihatsu Motor Co., Ltd.                           |   | ✓              |
| /A.Z./                   |                          | JP H05-76762  | 03/30/1993                        | Sakai Chem Ind Co., Ltd.                           |   | ✓              |
|                          |                          |   |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |

**Examiner  
Signature**

/Anthony Zimmer/

Date  
Considered

03/24/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

AP20 Rec'd PCT/PTO 16 JUN 2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

|                        |                        |
|------------------------|------------------------|
| Application Number     | not yet assigned       |
| Filing Date            | June 16, 2006          |
| First Named Inventor   | Hirohisa TANAKA et al. |
| Art Unit               | not yet assigned       |
| Examiner Name          | not yet assigned       |
| Attorney Docket Number | 71465.00013            |

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 3 |
|-------|---|----|---|

[illegible]

| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |                |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>2</sup> |
|                          |                       | Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup> (if known) |                                |   |   |                |
| /A.Z./                   |                       | JP 2002-301337  | 10/15/2002                     | Toyota Motor Corp.                              |   | ✓              |
| /A.Z./                   |                       | JP 2002-204955  | 07/23/2002                     | Toyota Motor Corp.                              |   | ✓              |
| /A.Z./                   |                       | JP H11-151440   | 06/08/1999                     | Tokyo Gas Co., Ltd. et al                       |   | ✓              |
| /A.Z./                   |                       | JP H08-224446   | 09/03/1996                     | Daihatsu Motor Co., Ltd.                        |   | ✓              |
| /A.Z./                   |                       | JP H06-100319   | 04/12/1994                     | Toyota Central Res & Dev                        |   | ✓              |
| /A.Z./                   |                       | JP H05-261289   | 10/1/993<br><del>unknown</del> | Sakai Chemical Industry..                       |   |                |

|                       |                  |                    |            |
|-----------------------|------------------|--------------------|------------|
| Examiner<br>Signature | /Anthony Zimmer/ | Date<br>Considered | 03/24/2009 |
|-----------------------|------------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**